



# AMITY UNIVERSITY

—UTTAR PRADESH—

## Domain of Engineering & Technology

Amity School of Engineering and Technology

### Minor Project

### WEEKLY PROGRESS REPORT (WPR)

For the week commencing on: 08-09-2022 (6<sup>th</sup> week)

Program: B.Tech. (AI)

Student Name: Divvela Vishnu Sai Kumar

WPR: 6

Enrollment Number: A076119819005

Company Name (if any)

: ASET, LUCKNOW

Faculty Guide's Name

: DR. PUNEET SHARMA

Project / Seminar Title

: FACE RECOGNITION USING TENSORFLOW

#### TARGETS SET FOR THE WEEK:

- Study about what are different types of layers in Deep learning.
- Study about what are weights and bias.
- Study about how to avoid overfitting in Deep learning.

#### ACHIEVEMENTS FOR THE WEEK:

- Started studying about Deep learning and its optimizers.
- Studied the various types of optimizers and learned about different types of layers in Deep learning.
- Studied about the back propagation approach in optimizers.

**FUTURE WORK PLANS:**

- Will try practical implement of various DL usecases under the guidance of faculty guide.
- By actually performing things I will have a better understanding of things and it will enhance my knowledge which is very essential before working on the actual project.